

[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [IR Mirrors](#)

## Broadband IR Laser Mirrors



- Greater than 98% Reflectivity from 2 - 20 $\mu$ m
- Copper Substrate Mirrors
- High Damage Thresholds

### Common Specifications

<b>Parallelism (arcmin):</b>	<3	<b>Clear Aperture (%):</b>	90
<b>Surface Roughness (Å):</b>	<50 RMS		
<b>Surface Quality:</b>	20-10		
<b>Coating Specification:</b>	$R_{avg} >98.8\%$ @ 2 - 20 $\mu$ m	<b>Wavelength Range (nm):</b>	2000 - 20000
<b>Surface Flatness (P-V):</b>	$\lambda/20$ @ 10.6 $\mu$ m	<b>Coating Type:</b>	Metal
<b>Coating:</b>	Bare Gold	<b>Substrate:</b>	Copper
<b>Damage Threshold, By Design:</b>	Typical: 50 kW/cm <sup>2</sup>		

## Technical Information

## Products

Wavelength Range (nm)	Dia. (mm)	Thickness (mm)	Stock Number	Price	Buy
2000 - 20000	25.00	6.00	<a href="#">#33-000</a>	€315,00 <a href="#">Volume Pricing</a>	11 In Stock
2000 - 20000	50.00	10.00	<a href="#">#33-001</a>	€483,00 <a href="#">Volume Pricing</a>	5 In Stock



Copyright 2025 | Edmund Optics BV, De Maas 22B, 5684 PL Best, The Netherlands

Phone: 1-800-363-1992 :

[www.edmundoptics.com](http://www.edmundoptics.com)